

The aggrading gravel-bed section begins above the upper bridge and ends 2.4 kilometers upstream or about 0.3 km below the confluence of General Creek and the tributary from Lost Lake. The reach is split into upper and lower halves where it crosses a moraine by a short boulder riddled steep gradient reach. The downstream half is characterized by low banks well vegetated by alder and dogwood. The riparian zone in the lower half of the reach is well shaded by pines. The undergrowth is comprised of ferns and other plants requiring low-sunlight. The forest thins in the upper part of the reach leaving banks exposed to the sun. Dense alder and dogwood form a canopy over the channel. Grasses and annual vegetation cover portions of the flood plains. The channel has aggraded a gravel and cobble bed into a braided channel along the upper quarter the section. The channel is actively widening through undercutting its banks. Banks are typically less than 1.5 meters high and are composed of fluvially deposited silt/sands overlying coarse sand and gravel. The banks in the moraine reach are well protected by boulders (Figure 4-34) therefore fine sediment production appears to be negligible along this reach (Between hotspots 12 and 13, Table 4-10). Overall the fine sediment erosion level appears to be moderate where the primary erosion processes are bank undercutting and large woody debris initiated scour (Hotspots 6 to 15, Table 4-10).

**Table 4-10. Summary of reconnaissance-level evaluation of areas of streambank instability and delivery of fine-grained sediments along General Creek.**

Erosion hotspot	Hotspot location (UTM)		Source of fine sediment	Relative erosion magnitude
	Easting	Northing		
1	742970	4322627	failing RB	moderate
2	743197	4322926	steep upland slope connected to channel	low
3	743282	4322916	steep upland slope connected to channel	low
4	743921	4323169	steep upland slope connected to channel	low
5	744241	4323216	LWD directs flow into bank	moderate
6	745249	4323685	reworking fluvial deposits	moderate
7	745619	4323681	reworking fluvial deposits	moderate
8	745629	4323739	reworking fluvial deposits	moderate
9	745700	4323704	undercutting bank	moderate
10	745754	4323657	LWD directs flow into bank	high
11	745844	4323719	reworking fluvial deposits	moderate
12	745847	4323738	LWD directs flow into bank	high
13	746343	4324405	undercutting bank	low
14	746465	4324516	2 m high failing bank	moderate
15	746522	4324617	undercutting bank RB	low
16	746795	4325174	2 m high failing RB	moderate
17	746822	4325269	4 m high failing RB	high